



Staff Report

RESOLUTION ACCEPTING WORK, APPROVING AS-BUILT PLANS, AND AUTHORIZATION TO ISSUE A NOTICE OF SUBSTANTIAL COMPLETION FOR THE 27-INCH DAIRY LANE SANITARY SEWER LINE REHABILITATION, CITY CONTRACT NUMBER 474

Honorable Mayor and Council Members:

Summary

The City Council is requested to accept the work and authorize issuing a Notice of Substantial Completion to Insituform Technologies, Inc., for the 27-inch Dairy Lane Sanitary Sewer Line Rehabilitation, City Contract Number 474. This work was for pipelining of approximately 770 linear feet of the existing sewer trunk line located on Dairy Lane between Ralston Avenue and O'Neill Avenue and rehabilitation of eight manholes located between Ralston and Shoreway Road. The Public Works Department has inspected the contractor's work and finds that it has been completed in accordance with contract requirements.

Background

On March 28, 2006, by Resolution 9762, the City Council awarded City Contract Number 474 to Insituform Technologies, Inc. in the amount of \$120,617.00. Council approved a ten percent construction contingency of \$12,061.70.

The project work started on May 30, 2006 and was finished on July 17, 2006. This work was for pipelining of approximately 770 linear feet of the existing sewer trunk line located on Dairy Lane between Ralston Avenue and O'Neill Avenue and rehabilitation of eight manholes located between Ralston Avenue and Shoreway Road.

Discussion

In April 2005, City staff conducted a selection process to choose consultant services to evaluate the condition of the 27-inch collector and discharge sewer main running from Ralston Avenue to Harbor Boulevard and across Highway 101 to the South Bayside Systems Authority pumping station. The object of the evaluation was to perform capacity analysis, review the condition of the pipe, assess the extent of corrosion, develop methods of repair, and prepare plans and specifications under the direction of the City's project manager.

In the course of this evaluation it was determined that two segments of the 27-inch reinforced concrete pipe located between Ralston Avenue and O’Neill Avenue had severe corrosion and needed to be rehabilitated. The remaining sewer line from O’Neill to the Shoreway Lift Station appeared to be in satisfactory condition and it is expected to provide many more years of service.

Insituform Technologies, Inc. pipelined the 27-inch sewer trunk on Dairy Lane between Ralston Avenue and O’Neill Avenue using a Cured-In-Place Pipe (CIPP) lining method with resin-impregnated fiber. Lateral connections were reopened by grinding out the liner wall. The liner has an expected useful life of 50 years or more, so the lined sewer should not need further rehabilitation for many decades.

During the project there were two change orders that lowered the project cost from \$120,617 to \$120,605.21. The contractor did not submit invoices to the City in a timely manner which delayed this request for the Notice of Substantial Completion. All work is shown on a set of As-Built drawings available for Council’s review. The work done by Insituform Technologies, Inc. has been inspected by the Department of Public Works staff who find it complete in accordance with the contract documents. Upon closeout of the project, the City Clerk’s Office will ask the County to record a Notice of Completion.

General Plan/Vision Statement

No impact.

Fiscal Impact

A total of \$216,931 was budgeted for construction of City Contract Number 474. Total expenditure was \$120,605.21. City Contract Number 474 was funded from the FY 05-06 sewer Capital Improvement Program project account 503-4326-7077-9030. The unspent balance of \$96,325.79 has been returned to the sewer fund.

Public Contact

Publication and posting of City Council agenda.

Recommendation

It is recommended that the City Council accept the contract work as substantially complete, approve the As-Built plans, and authorize issuing a Notice of Substantial Completion to Insituform Technologies, Inc., for the 27-inch Dairy Lane Sanitary Sewer Line Rehabilitation, City Contract Number 474.

Alternatives

1. Take no action
2. Refer back to staff for additional information.
3. Deny approval

Attachments

A. Resolution

Respectfully submitted,

Bozhena Palatnik
Assistant Civil Engineer

Raymond E. Davis, III, PE, PTOE
Director of Public Works

Terrence L. Belanger
Interim City Manager

RESOLUTION NO. _____

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BELMONT ACCEPTING
WORK, APPROVING AS-BUILT PLANS, AND AUTHORIZATION TO ISSUE A
NOTICE OF SUBSTANTIAL COMPLETION FOR THE 27-INCH DAIRY LANE
SANITARY SEWER LINE REHABILITATION, CITY CONTRACT NUMBER 474**

WHEREAS, the City Council of the City of Belmont did on March 28, 2006, by virtue of Resolution Number 9762, award City Contract Number 474, the 27-inch Dairy Lane Sanitary Sewer Line Rehabilitation project, to Insituform Technologies, Inc. for \$120,617.00 and provided a 10% construction contingency; and,

WHEREAS, funding is from the FY 05-06 Capital Improvement Program project sewer account 503-4326-7077-9030; and,

WHEREAS, the Public Works Project Engineer for City Contract Number 474 has reviewed the work performed under this contract and finds it to be in accordance with contract requirements.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Belmont accepts the work as substantially complete, approves as-built plans, and authorizes the City Clerk to issue at Notice of Substantial Completion to Insituform Technologies, Inc.

* * * * *

I hereby certify that the foregoing Resolution was duly and regularly passed and adopted by the City Council of the City of Belmont at a regular meeting thereof held on December 12, 2006 by the following vote:

AYES, COUNCILMEMBERS: _____

NOES, COUNCILMEMBERS: _____

ABSTAIN, COUNCILMEMBERS: _____

ABSENT, COUNCILMEMBERS: _____

CLERK of the City of Belmont

APPROVED:

MAYOR of the City of Belmont